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Approved For Release 2002/08/06 : CIA-RDP78T04759A009500010050-8

PHOTOGRAPHIC INTERPRETATION REPORT



**CHISTOPOL - CHISHMY
MICROWAVE RELAY SEARCH
USSR**

25X1

DECEMBER 1969

COPY **117**

4 PAGES

25X1

Declass Review by NIMA/DOD

AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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INSTALLATION OR ACTIVITY NAME				COUNTRY	
Chistopol - Chishmy Microwave Relay Search				UR	
UTM COORDINATES	GEOGRAPHIC COORDINATES	BE NUMBER	COMIREX NO.	NIFTB NO.	
NA	See below	See below	See below	See below	
MAP REFERENCE					
ACIC. USAF Jet Navigation Chart, Sheet JN-11N, 1st ed., May 66, scale 1:2,000,000					
LATEST IMAGERY USED			NEGATION DATE (if required)		
See below			NA		
REQUIREMENT					
NSA/SOC/R-06-70					

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ABSTRACT

This report supersedes one entitled Sobolekovo-Chishmy TV/Microwave Relay Lines (September 1969). A restudy of the area between Chistopol and Chishmy revealed 13 microwave facilities, nine of which appear to be part of the main line and four of which probably are not. Several towers previously reported as part of the microwave facilities probably are oil well derricks.

INTRODUCTION

A review of the most recent [] photography that covers the entire area [] has revealed that a microwave line exists from Chistopol east to Chishmy, in an area centered approximately 150 nautical miles (nm) southeast of Kazan, USSR. Locations of the nine facilities which are part of the relay line are shown in Figure 1 (items 1-9). Previously, 18 microwave facilities had been reported as forming a relay line from Sobolekovo to Chishmy, but reanalysis indicates that nine of the towers sighted probably are oil well derricks.

In addition, microwave facilities at Kargoli and Shchegurcha (items 10 and 11) are approximately parallel to the main line. These facilities are associated with oil pumping stations and probably control part of a series of pipeline pumping stations. The stations at Sheremetyevka and Sobolekovo (items 12 and 13) probably are part of a branch microwave line and may be designed to serve an area being built up with new industrial complexes.

The photography, although of small scale, was of good interpretability. The small scale of the photography precluded description of electronics equipment by size, type, and orientation.

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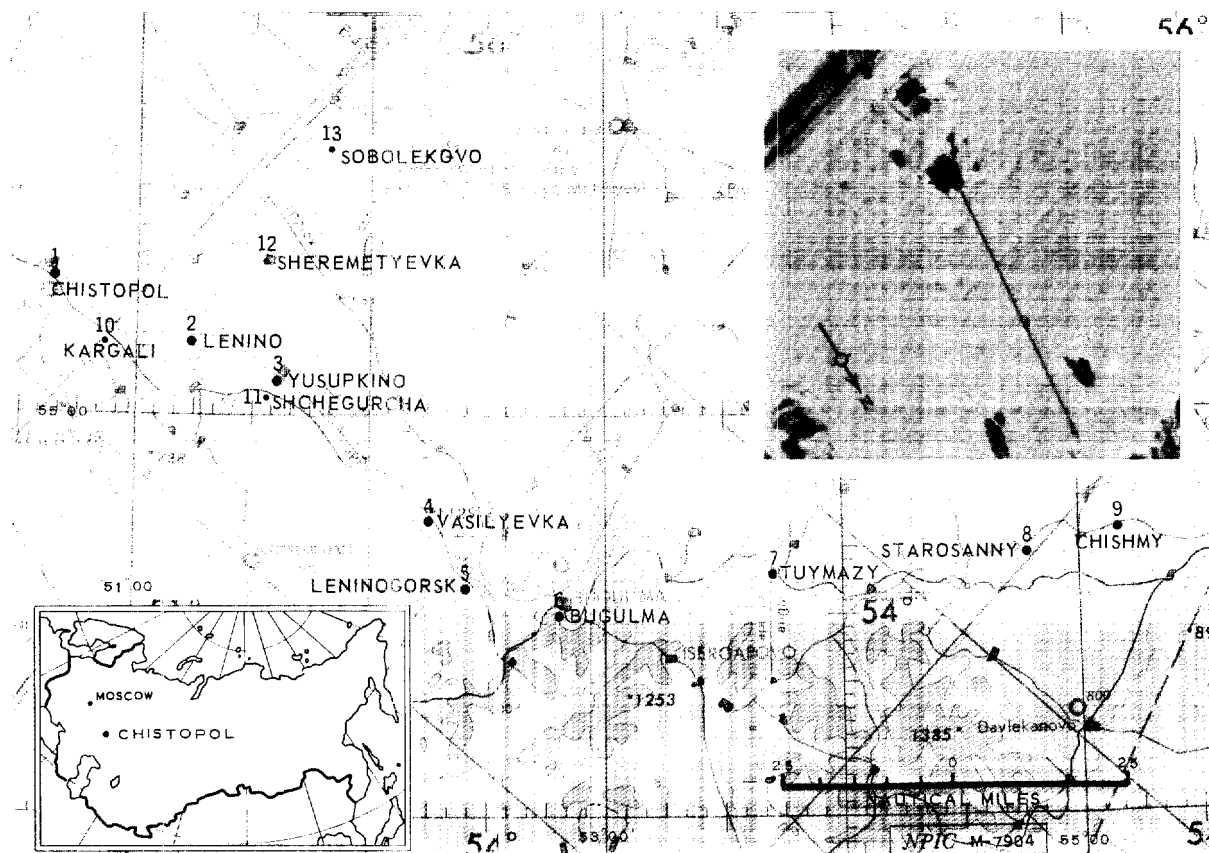


FIGURE 1. LOCATION OF MICROWAVE RELAY FACILITIES, CHISTOPOL - CHISHMY AREA, USSR.

BASIC DESCRIPTION

1. Chistopol Microwave Facility
55-21-40N 050-40-20E

25X1

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This secured facility (inset, Figure 1) is 1.5 nautical miles (nm) west of Chistopol. It contains a single microwave tower, a control building, and a support building.

2. Lenino Microwave Facility
55-11-59N 051-13-59E

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This facility is secured and consists of a microwave tower, one control building, and one support building. It is 0.5 nm west of Lenino.

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3. Yusupkino Microwave Facility
55-03-20N 051-42-45E

25X1

25X1

This secured facility, 1 nm west of Yusupkino, consists of a microwave tower, a control building, and a support building.

4. Vasilyevka Microwave Facility
54-44-40N 052-16-00E

25X1

25X1

This facility is 10 nm south of Almet'yevsk. The area is secured and contains a microwave tower, a control building, and a support building.

5. Leninogorsk Microwave Facility
54-34-30N 052-24-30E

25X1

25X1

Located at the western edge of Leninogorsk, this secured area contains a microwave tower, a control building, and four support buildings.

6. Bugulma Microwave Facility
54-30-50N 052-48-10E

25X1

25X1

The secured area at the south edge of Bugulma contains a microwave tower, one control building, and two support buildings.

7. Tuymazy Microwave Facility
54-37-10N 053-44-30E

25X1

25X1

The secured facility contains a microwave tower, a control building, and a support building. It is 1.5 nm northeast of Tuymazy.

8. Starosanny Microwave Facility
54-40-10N 054-47-30E

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An oil pipeline pumping station has an inner area, separately secured, containing a self-supporting lattice microwave tower and a control building.

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9. Chishmy Microwave Facility NW
54-44-00N 055-11-30E

25X1

This facility is approximately 11 nm northwest of Chishmy. The area is secured and contains one self-supporting microwave tower, one control building, and one support building. It is located on a POL pipeline.

10. Kargali Possible Microwave Facility
55-11-40N 050-52-05E

25X1

An oil pipeline pumping station contains a secured area with a possible microwave tower and a control building. It is located 1.5 nm southwest of Kargali.

11. Shchegurcha Microwave Facility
55-03-30N 051-34-00E

25X1

This secured facility is on an oil pipeline 1 nm north of Shchegurcha and contains a microwave tower with a control building.

12. Sheremetyevka Microwave Facility
55-23-20N 051-34-40E

25X1

This secured facility is 0.5 nm northeast of Sheremetyevka. It contains a microwave tower, a control building, and a support building.

13. Sobolekovo Microwave Facility
55-39-20N 051-50-00E

25X1

This secured facility is 2 nm northeast of Sobolekovo. It contains a single microwave tower, a control building, and a support building.

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